

19980822.qrp v01_n191.qrs.980822

Date: Sat, 22 Aug 1998 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1191

QRP-L Digest 1191

Topics covered in this issue include:

- 1) [18096] Re: Roy Gregson passed away
by "Bill Todd" <bill@willapabay.org>
- 2) [18097] DSP segment on Radio Nederland.
by "Vincent Ferme" <vferme@sprint.ca>
- 3) [18098] Hubble telescope pictures
by RangerSF5@aol.com
- 4) [18099] Roy and memories
by Jess Gypin <jessqrp@concentric.net>
- 5) [18100] Rainbow Tuner Enclosure
by dave_epps@juno.com
- 6) [18101] Re: [17970] Pacificon Tickets and Hotel Information
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 7) [18102] QRP is a big hit at Japanese ham trade show
by Wayne Burdick <n6kr@elecraft.com>
- 8) [18103] Elmer 101 follow up
by macstein@cftnet.com (Mac Steinmeyer)
- 9) [18104] Re: [CW] 80 meter cw wasteland.....
by marion@montana.com
- 10) [18105] Re: Antenna book of note
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 11) [18106] RE: Color of toroid cores TNX !
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 12) [18107] HS98AG
by "Joe <HS2JFW>" <pornchai@daisy.bu.ac.th>
- 13) [18108] We're too smart for 80M CW
by MNHopkins@aol.com
- 14) [18109] Neat discovery
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 15) [18110] RE: Condolences to Roy's family
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 16) [18111] Re: [CW] 80 meter CW wasteland
by Charles Kadesch <chas@digizen.net>
- 17) [18112] QRPTTF '98 Results - No, REALLY!
by Joe Gervais <vole@primenet.com>
- 18) [18113] Re: [CW] 80 meter CW wasteland
by W7LS <w7ls@blarg.net>
- 19) [18114] QRP DX on 18Mhz

- by Thomas Roth <th.roth@apc.de>
- 20) [18115] Re: [CW] 80 meter CW wasteland
by "Barry L. Geipel" <bgeipel@primenet.com>
- 21) [18116] Semi-new Antenna
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 22) [18117] Re: Power
by nhoop@centuryinter.net (N H)
- 23) [18118] Re: Neat discovery
by Leon Heller <leon@lfheller.demon.co.uk>
- 24) [18119] Re: [CW] 80 meter cw wasteland.....
by Bruce Muscolino <w6toy@erols.com>
- 25) [18120] 20M GARBAGE (NON-QRP)
by ARDUJENSKI@aol.com
- 26) [18121] Re: S&S "M1" marches on(& others)
by "J. Duffy Beischel" <jduffy1@ix.netcom.com>
- 27) [18122] make cords
by kq0i@juno.com (Mark R Milburn)
- 28) [18123] PROPAGATION..... INFO ON
by Lisa Osier <osier@northnet.org>
- 29) [18124] re: VFO with AD9850
by "Heron, George" <G.Heron@dialogic.com>
- 30) [18125] Kit Builders Anonymous
by "Heron, George" <G.Heron@dialogic.com>
- 31) [18126] Roy Gregson & the QRP community
by The Boices <boice@bigfoot.com>
- 32) [18127] More VFO Stability
by K2UD@aol.com
- 33) [18128] Re: PROPAGATION..... INFO ON
by "Karl B. Staddon" <ve6kbs@agt.net>
- 34) [18129] Re: We're too smart for 80M CW
by Steven Weber <kd1jv@moose.ncia.net>
- 35) [18130] Re: [CW] 80 meter CW wasteland
by Peter Larsen <larsenp@cadvision.com>
- 36) [18131] Re: Infrared Key
by "George T. Baker" <w5yr@swbell.net>
- 37) [18132] re: the BUBBA
by chrisfresh@juno.com
- 38) [18133] mv2203?
by "David Ek" <ekdave@earthlink.net>
- 39) [18134] HI QSO Party and NQ6RP
by kh6b@juno.com (Dean W Manley)
- 40) [18135] Re: 20M GARBAGE (NON-QRP)
by Jack Parker <Pparker@greatbasin.net>
- 41) [18136] QRP + DEAF AND DUMB
by "Karl B. Staddon" <ve6kbs@agt.net>
- 42) [18137] NA Sprint/QRP Teams Forming
by Monte Stark <ku7y@dri.edu>
- 43) [18138] Re: Infrared Key

by wa8rxi@juno.com (Rick Arzadon)

44) [18139] Re: [CW] 80 meter cw wasteland.....
by "dave r" <elim@ime.net>

45) [18140] Re: QRPTTF '98 Results - No, REALLY!
by John Sullllivan <kg0mz@southwind.net>

46) [18141] Re: 20m Garbage
by w4pj@w4bkx.ampr.org

47) [18142] Re: We're too smart for 80M CW
by Charles Kadesch <chas@digizen.net>

48) [18143] Looking forward to October
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>

49) [18144] Ferrites not painted?
by mike czuhajewski <wa8mcq@erols.com>

50) [18145] Bubba/FYB0/W6EMT/etc.
by jaywa5whn@juno.com

51) [18146] XCVR mfgrs and production delays
by Ed Tanton <n4xy@att.net>

52) [18147] SMT/QRP kits in CQ Mag. Sept.
by n4so@juno.com (charles k brown)

53) [18148] Re: 20m Garbage
by borealis@juno.com (Philip G. Collier)

54) [18149] GARBAGE LID (TNX)
by ARDUJENSKI@aol.com

55) [18150] Anyone built "Rainbow L/C" meter from 97 handbook?
by Mike Parkes <ab7ru@yahoo.com>

56) [18151] Re: Omaha Hamfest???

by heatherex@juno.com (Rex R Pickett)

57) [18152] Sun Storms on TLC
by n4so@juno.com (charles k brown)

Date: Fri, 21 Aug 1998 16:05:45 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <PDouglas12@aol.com>
Cc: <nwq-L@scn.org>, <qrp-1@Lehigh.EDU>
Subject: [18096] Re: Roy Gregson passed away
Message-ID: <002901bdcd58\$3bde9160\$154ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: PDouglas12@aol.com <PDouglas12@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Date: Friday, August 21, 1998 10:17 AM
Subject: Roy Gregson passed away

Oh - what sad news. . .

This really hurts. Roy was such a gentle and good man, and I will miss seeing him at our NW QRP Club meetings.

Memories:

Roy was the person that you could ALWAYS count on to be at the Club meeting, unless he was ill. He was always bringing something interesting to the meeting, and was willing to share his skill with anyone.

In recent years, I would generally see Roy at all the north west ham swap meets, showing and demonstrating his line of QRP rigs. I would see Roy talking to a potential customer at those fairs, and I always had the impression that it didn't matter all that much to Roy if he sold anything or not - he was just happy to talk about QRP.

Roy was a regular on our QRP nets too, and I would talk with him at least once a week (for the last 5 years). I guess I must accept the fact that I will never hear his distinctive fist again.

Good bye Roy.

CUL, Bill-N7MFB

Date: Fri, 21 Aug 1998 19:10:38 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [18097] DSP segment on Radio Nederland.
Message-ID: <022801bdcd58\$e9e72e20\$371205d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Radio Nederland's Media Network discussed DSP in yesterday's program. The program can be heard on Real Audio or NetShow. Point your browser to <http://wrn.org/rn.html> and select the August 20 file. The transcript will be available on their web site shortly (their words). The URL is www.rnw.nl and I think it will be in the real radio section.

73/72 de Vince, VE3VFN.

Date: Fri, 21 Aug 1998 19:29:31 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18098] Hubble telescope pictures
Message-ID: <e4c7ae78.35de02dc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi gang,
Here's a neat site with a lot of pictures taken with the Hubble telescope.
They look good on my 16 color junker machine here so most of you with 256 or
more colors will get some nice looking pictures
Bob
WA2HOQ
<<http://opposite.stsci.edu/pubinfo/pictures.html>>

Date: Fri, 21 Aug 1998 18:40:53 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@lehigh.edu
Subject: [18099] Roy and memories
Message-ID: <35DE1395.B36C0412@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

I have been on this list for quite a few years now. I am sure that it
must be approaching 5-6 years, I have lost track. There are very
distinct memories that I have....

Finding the list - I could not believe at that time that there were 200
or so others out there that were as jazzed as I was.

The A&A 30 meter kit that I still have - I had "inherited" a set of
Kenwood 599 twins that got me on the air. They did not have WARC bands.
The A&A rig was the only thing that I had on 30 meters. I will never
forget my first QRP DX contact on 30 meters to Marshall Island. I was
hooked forever. That rig will never pass from here.

Easter Island on 30 meters 950 mwatt - The SW40 was the next rig and I worked the heck out of it.

Antarctica at 1 watt on 40 meters - I was in bed recouping from back surgery and awake at 3:00 am with my back killing me. Tuned 40 meters with the 2 bedside rigs and found Antarctica calling CQ and worked him first call. Helped me make it through a very trying time.

Involvement as VP of the Colorado QRP Club - A great group of guys.

There there are the people.

Dave Benson - What a great guy. There was the 30 meter kit that I could not get running. It was jinxed I swear. Dave is the most patient man on earth. I did get it running finally. Had a bad crystal.

Paul Harden - I wonder how many people remember or will know what "Baja Colorado" means? ;-)

Dick at OHR - Had many conversations about the OHR 400. That is the rig that I built during the second 6 month go round with back troubles. It is all that kept me sane. Worked from the get go and is another rig that will never leave here.

Norcal and all the folks - What can I say. You are partially responsible for most of the growth in QRP and define the word Elmer.

And finally Roy Gregson. I was deeply saddened by his passing. I don't know if it is me realizing my own mortality, or just a deep sense of loss at a "virtual" friend. The NW 40 that I have is one of the last rigs that I have built and it is one of the favorites. I do not "collect" rigs. I only keep what I use and only have 3. This is one of them. I have built or owned many great ones, these are just my favorites. There are memories attached to them all. Most of the ones that have been sold or given away were for good "Elmering" reasons.

I will miss all of the good that he has done the hobby and I regret the missing the opportunity to say goodbye and thank you to a good man. I hope that his family will cope with the loss well and just cling to the memories and good times. I am not hung up on the macho thing and am not ashamed to admit that I said a farewell prayer and shed a tear or two.

Via con Dios mi Amigo

Best wishes to all

Jess

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/n0tfi/bug.html> Bug Stories

Date: Fri, 21 Aug 1998 18:07:13 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [18100] Rainbow Tuner Enclosure
Message-ID: <19980821.180720.10766.0.dave_epps@juno.com>

I have #2 in my grubby little paws. I picked it up at Doug's and it is B-U-T-FULL. He has a little more work to do on the instructions and will have

the others in the mail soon.

dave ab5pc morro bay, ca

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 21 Aug 1998 18:11:57 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: <qrp-l@lehigh.edu>
Subject: [18101] Re: [17970] Pacificon Tickets and Hotel Information
Message-ID: <199808220111.SAA19927@netcom14.netcom.com>

I've gotten a couple of inquiries since posting info about BART to Concord, so I'll expand the information.

The Pacificon flyer says that the hotel provides a free shuttle from BART to the hotel.

>From SFO, the SamTrans 3X costs \$1.10 to BART, and BART costs \$4.25 to Concord and takes just over an hour. The 3X runs (roughly) 0600 to 2300 weekdays at 20-30 minute intervals, and 0700 to 2000 on Sunday.

>From OAK, the shuttle costs \$2.00 to BART, BART costs \$2.90 to Concord and takes about 50 minutes. The AC bus, OAK to BART, costs \$1.25. The shuttle runs every 7-10 minutes, takes 15 to 25 minutes, and runs

0600 to 2330, except Sunday when it stops at 2030 The AC bus runs every 7-10 minutes during rush hour and every 20 minutes midday, Saturday, Sunday and night until 0100.

I'm sure this is more than anyone wants to know, but I've had a few questions asked.

73, doug

Date: Fri, 21 Aug 1998 18:33:01 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@lehigh.edu
Cc: erics@elecraft.com
Subject: [18102] QRP is a big hit at Japanese ham trade show
Message-ID: <v03102802b203cd2733fe@[206.169.228.5]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here I am stuck in the lab tweaking the K2 while Eric Swartz (WA6HHQ) and Bob Dyer (KD6VIO) are having a blast in Japan:

<http://www.elecraft.com/JA/JA%20Show.htm>

Eric and Bob report great interest in QRP among visitors to the Wilderness/Elecraft booth. (Having a photo of all the rigs on the cover of JA/CQ didn't hurt.) Apparently some folks were making QSOs using a K2 at one end of the table and a NorCal 40A at the other end, then exchanging QSL cards....

Eric will be posting a direct report on the show to QRP-L soon, along with more pictures on the Elecraft site.

You can send any questions about QRP in Japan to Eric and Bob since they plan to meet with quite some noted QRPers. (Anyone know the Japanese word for "low power"?) Please copy me on these, too.

72,
Wayne
N6KR

Date: Fri, 21 Aug 1998 21:43:15 -0400

From: macstein@cftnet.com (Mac Steinmeyer)
To: qrp-1@lehigh.edu
Subject: [18103] Elmer 101 follow up
Message-ID: <199808220148.VAA22012@renoir.cftnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just wanted to follow up with my experience of the class. I know it was a lot of work for Mike, Glen, Chuck and Dave. Some of you know I threw the thing together hurriedly to make the Sprint and Mike graciously listed my 5 points! Several of you followed up that you were hearing me FB but I was deaf. I also was having a hard time digging out the calls I WAS hearing. (Sorry Bill and Chris!) I took the thing apart and was in the process of retuning it for the lower portion of the band, and found that I had wired the AF/phone jack all wacky. I used alligator clips to hook up the jacks, pots and battery and proceeded to work my first across the pond DX! Vlad, EW7L0, in Belarus gave me a 559! He was working people left and right and slowed down for me. Now, like Glen, I find that I have to turn the gain half-way down. Man! As much as I love my NorCal 40a, this thing is super! I have hopes I'll work Jim AL7FS in Alaska.

Thanks gang.

-Mac-

73/72 KF4KSM Grid Sq: EL88rd
email: macstein@cftnet.com

Date: Fri, 21 Aug 1998 20:49:03 -0600 (MDT)
From: marion@montana.com
To: dory <burro@liv.auracom.com>
Cc: qrp-1@lehigh.edu
Subject: [18104] Re: [CW] 80 meter cw wasteland.....
Message-ID: <199808220249.UAA20844@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:04 PM 8/21/98 -0300, you wrote:

>
>I qsx a lot on 80 meters in the early evening (prime time) ...shortly
>after the supper hour, when all the
>
>ssb net addicts are on.....
>

>Tonight I called CQ about 6 sets..... no reply.....in fact i do this
>during the local busy time every evening..
>
>It would be very rare to get a reply, in fact almost
>never.....Sometimes I program my rig to call CQ and
>
>have let it run for abt 15 mins es no takers.....
>
>This evening between 2245 gmt to 2300 gmt I tuned many times the entire
>spectrum of 3.5 to 3.7 mhz..
>
>Deathly silence , this at a time when propagation is in to N.E. states,
>Maine, Mass, Conn. Quebec etc....
>
>No CW, I would like a few others to try the same for a few evenings, up
>this way it would appear
>
>that except for the local cw NET at 2300 gmt, its QRT for all local
>CW.....
>
>No wonder others want the spectrum its not used.....
>
>Sad situation indeed.....
>
>VE1DS 73s cul AR VA....
>

I have recently put up a 80mtr vertical to get on that cw band.
So far three nights with no contacts, or anyone heard. Am I on at the wrong
time?(8 to 12, MDT) Early this morning I scanned the band quickly, nothing
heard. :(Roy AB7CE

Date: Fri, 21 Aug 1998 22:36:12 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "George T. Baker" <w5yr@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18105] Re: Antenna book of note
Message-ID: <Pine.GS0.3.96.980821223437.23604D-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Source for G3LDO's book:

Peter sent me a copy personally, so I am not positive.

However, ARRL has carried a number of RSGB books, and RSGB likely sells direct. Kanga USA has also carried some books from England of value to US QRPers. Those are the best potential surces I can think of.

-73-

LB, W4RNL

Date: Fri, 21 Aug 1998 11:34:10 -0300
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@lehigh.edu>
Subject: [18106] RE: Color of toroid cores TNX !
Message-ID: <01bdcd10\$c29bc080\$LocalHost@inforhc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As usual on this nice list, I received immediate feedback on the subject...And learned a lot too...

Thanks to all who either posted and asnwer or sent it direct. Ferrite toroid cores seem to be NEVER PAINTED by any manufacturer... it would be interesting to learn why... maybe the surface is too polished and the paint does not get fixed to it ???

All information seems to point to using the WHITE colored core for VFO coils, as it is the most stable from a thermal point of view...

In my case ALL VFO's go into a COLD OVEN...a very simple thing to build that enhances the stability of any VFO quite a bit... Simply, I sorround the VFO box (shielded using steel is better than aluminium of copper clad from pc boards..) using styrofoam... The styrofoam thickness is left up to you... The thicker you go , the more thermal insulation you have... No need for a thermostat with this COLD OVEN... I made a little hole to introduce the leads of a thermistor (well calibrated laboratory type) and watched in delight that temperature inside the COLD OVEN is remarkably stable... so inductors and capacitors operate on a thermally stable environment, and drift is reduced....

Hope this helps those in search of more VFO stability while

using standard low cost components !
73 and again thanks for the nice help with the cores
Arnie
C02KK
e-mail: arnie@radiohc.org
e-mail inforhc@mail.infocom.etecsa.cu

Date: Sat, 22 Aug 1998 10:25:45 +0700
From: "Joe <HS2JFW>" <pornchai@daisy.bu.ac.th>
To: "qrpl" <qrpl@lehigh.edu>
Subject: [18107] HS98AG
Message-ID: <000701bdcd7c\$8ceca640\$b8e794cb@HS2JFW.bu.ac.th>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0004_01BDCDB7.3929EC80"

This is a multi-part message in MIME format.

-----=_NextPart_000_0004_01BDCDB7.3929EC80
Content-Type: text/plain;
charset="windows-874"
Content-Transfer-Encoding: quoted-printable

Hi all QRPer,
HS98AG is the special callsign for Asian Games 1998 at the end of this =
year in Bangkok Thailand.
E21CJN,Tham will QRV with HS98AG this weekend SEANET SSB contest.
Looking for him and try to catch him.I think now Tham is on the air but =
don't know what frequency,sory
I'm at office.See you 73 Joe

Pornchai Semjang ,Joe QRP-L #938
HS2JFW , N3YGP QRP-HS#1
Bangkok University =20
semjang@lily.bu.ac.th
pornchai@daisy.bu.ac.th
HomePage "http://www.qsl.net/~hs2jfw"
Callbook Thailand "http://hs2jfw.ml.org"

-----=_NextPart_000_0004_01BDCDB7.3929EC80
Content-Type: text/html;
charset="windows-874"

Y></HTML>

-----=_NextPart_000_0004_01BDCDB7.3929EC80--

Date: Fri, 21 Aug 1998 23:45:19 EDT
From: MNHopkins@aol.com
To: QRP-L@lehigh.edu
Subject: [18108] We're too smart for 80M CW
Message-ID: <680afe14.35de3ed1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

We are too smart for 80M CW 'cause we would meet folks closer to us and they would visit and make demands on us.

We would also have to put maybe a third as much thought into our receiving rig as to our sending, and we don't have time to wind an antenna that would null out most of the noise and make 80 quieter than 40.

And if we went to 80, especially around the colorburst frequency of 3.579, people who we don't know and who could not afford a Sierra might cobble together rigs from TV parts and get on the air without proving their ability to write checks at \$20 per minute.

We are so smart that we won't go back to where ham radio started, ever. We will all stay right on 40 with the broadcasters, foreign sidebanders and QRN where we have someting to talk about -- spectrum.

73 de ab5L, michael in dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 21 Aug 1998 23:56:09 -0400

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: NJQRP Club <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, Bill Cole
<billc@jerseycape.net>, Dave Marshall <n8oay@sprintmail.com>,
Don Schimmel <dwschiml@intrepid.net>, Ed Muro <KC2AYC@qsl.net>, John McColman
<jmccolma@richmond.infi.net>, Jon Cohen <jon@pluto.njcc.com>,
Subject: [18109] Neat discovery
Message-ID: <35DE4159.734D4D57@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been looking for something for setting up coils that need
stabilization such as in VFO circuits.

While I was working on my Ten-Tec 1330 kit, my eyes just happened upon a
tube of "SHOE GOO" sitting on a nearby workbench. This is the stuff that
you use to repair the bottoms of sneakers. It is available wherever shoe
goods are sold. I found it more forgiving during set up than candle wax
or hot glue. It remains a bit pliant for a few minutes so you can make
last minute adjustments. When it sets the coil turns stay put and the
core itself is essentially shock mounted in a semi-hard rubber.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055

ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 22 Aug 1998 00:22:07 -0300
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@Lehigh.EDU>
Subject: [18110] RE: Condolences to Roy's family
Message-ID: <01bdcd7c\$0ac40820\$07199e03@inforhc>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As Roy's family seems to be much bigger than his sons
and daughters... all hams that knew him either personally
or on the air are certainly part of his family.
To all that will miss him , my condolences... I always had
him in the list of those I dreamed of meeting one day
at Dayton...

Arnie Coro

P.S. Could any of you close to his family tell them that Roy
will be missed in far away lands too ...

e-mail: arnie@radiohc.org

e-mail inforhc@mail.infocom.etcscu

Date: Fri, 21 Aug 1998 22:59:14 -0700
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@Lehigh.EDU
Subject: [18111] Re: [CW] 80 meter CW wasteland
Message-ID: <35DE5E32.A05@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, it is lonesome at times, but you can often stir up a QSO with a
slow CQ in the old Novice area just above 3.7 MHz. It's fun when you
get a response and I think it often helps someone along with their
code speed. With cooler fall weather coming, the QRN on 80 will be
going down and activity will pick up.

-72 de Chas W3KC-

Date: Fri, 21 Aug 1998 22:23:37 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [18112] QRPTTF '98 Results - No, REALLY!
Message-ID: <199808220523.WAA09716@usr08.primenet.com>

Howdy Folks,

There I was, plodding away as usual, tracing a dreaded C++ corrupted pointer in some code, when I got to thinking of QRP and what an amazingly cool thing it's been for me.

Made a lot of good friends here and on the air (still making them, in fact), and never seem to run out of those "WOW!" moments (working some nice DX with a rig that fits in your pocket, firing up a board full of parts that *you* soldered together and hearing sigs or even seeing smoke.... ;-) etc.)

Then I remembered how anxious I used to get about seeing contest results. Then I thought of you guys, sittin' out there patiently, not badgering me at all. Realized you deserved better than that. Walked out of the office and came home to finish the QRPTTF logs. Please accept my profuse apologies for the delay. There will always be more work to do at the office, no matter how many hours you put in. To quote Tom Cruise in the movie Risky Business, "Sometimes you just have to say 'what the f.....'"

So here are the results (scores only) of the 1998 QRP To The Field "Run To The Borders". You guys were GREAT! Couldn't believe how many triple-border points there were! Had to double-check the atlas a few times to make sure you weren't pulling my leg. ;-) And we were absolutely amazed at the great lengths many of you went to in order to get to your border sites! Hats off to you! And to those who got on the air from the homestead for a brief hour or so to give the Field Ops some QSOs, every Field Op owes you a beer. *8-) Or in my case, Barq's Rootbeer or Jolt Cola.... ;-)

95 logs were sent in - YOWZA! It's always great to read the comments you guys write. Helps make the long nights at the keyboard go faster. :) Thanks!

Some awesome scores, some *very* close calls, and a whole lot of fun. For a few folks this was their first contest ever, always nice to see you joining in the party! And whether you bagged 200+ QSOs or 2, you got on the air and proved that QRP not only works, it's also the best game in town.

Full report, complete with Soapbox comments, will appear in the next QRPP.

Please send any corrections to me ASAP. I'll be away from email over the weekend, but I'll catch up with it all on Monday. About a dozen scores were adjusted up, one went down.

Thanks again for your patience and understanding. I'm hatching a clever plot which will guarantee I'll have no problem getting the results out fast next year....

Happy weekend to ya, and hope to hear you on the air! CQC 'Test this Sunday, AZ ScQRPion BUBBA Summer Sprint the following Sunday!

(Time to go mail the rest of the FYBO prizes...!)

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
NorCal QRP, AZ ScQRPions, and many other fine,
furry groups....

"It's hard to be unhappy when you have warm feet."
- Dave Rose, Fellow Snow Camper

----- QRPTTF '98 RESULTS (PRELIMINARY) -----

NOTES: A (*) by the callsign means multi-op. For location, H = home, F = field, FB = Field (Border), and M = mobile. I added a delimiter every 5 entries to make to results easier to read. View with a fixed-point (i.e. constant-width) font like Monaco for best results.

Callsign	Loc	Borders	Q's	SPC	Power	Score
N0UR (*)	FB	ND/SD/MN	146	67	5W	586,920
N4ROA (*)	FB	VA/TN/NC	167	58	4W	581,160
W5ON (*)	FB	AR/MO	173	76	5W	525,920
N7KT	FB	AZ/NM/UT/CO	81	47	4W	304,560
W5NC (*)	F	-	204	57	5W	232,560

WA7LNW	FB	UT/AZ	123	43	5W	211,560
KI0II	FB	WY/NE/CO	84	40	5W	201,600
N7CEE (*)	FB	AZ/NV/UT	88	38	5W	200,640
WU0L	F	-	163	61	5W	198,860
KW5OK	FB	MO/OK/KS	66	41	5W	162,360

W4ED	FB	GA/TN/NC	67	38	5W	152,760
W0CQC (*)	F	-	143	51	5W	145,860
AA7QU	F	-	140	49	5W	137,200
W0CH	FB	MO/KS/OK	55	39	5W	128,700
N4EO	F	-	109	45	5W	98,100
KD7S	F	-	119	39	5W	92,820
K9TSM (*)	FB	IN/MI/OH	45	34	3W	91,800
NQ2RP	F	-	91	50	5W	91,000
K0BC (*)	FB	AR/MO/OK	56	27	5W	90,720
KD7AEE	H	-	145	61	5W	88,450
K4JSI	FB	DE/MD/PA	45	31	5W	83,700
N6WG (*)	F	-	116	36	1W	83,520
K7NX (*)	FB	AZ/NM/Mex	46	30	5W	82,800
W4DEC	H	-	142	58	5W	82,360
WQ3RP (*)	FB	MD/VA/WV	34	26	5W	78,000
KG5N	F	-	94	39	5W	73,320
W5VBO	H	AZ	125	56	5W	70,000
WA1QVM	FB	MA/RI	54	32	4W	69,120
K50I	FB	NM/TX/Mex	47	24	5W	67,680
AC6NT	FB	NV/CA/AZ	103	32	5W	65,920
AC6KW	F	-	88	37	5W	65,120
W5GIX (*)	FB	LA/MS	49	31	5W	60,760
W6RA	FB	CA/OR	63	23	3W	57,960
KG0MZ	FB	KS/MO	44	31	5W	54,560
VE6DN (*)	F	-	85	31	5W	52,700
W3BTN (*)	F	-	77	33	5W	50,820
K8CV	H	-	103	46	5W	48,410
N9ZXL	FB	IL/WI	38	22	5W	48,400
WQ2RP (*)	F	-	79	29	5W	45,820
N7KE (*)	F	-	74	30	5W	44,400
W0YSE	FB	UT/WY	44	25	4W	44,000
W0QF	FB	SD/ND/MN	38	17	1W	38,760
K6ZNI	F	-	56	32	5W	35,840
WA2IPZ	FB	ID/UT/NV	32	18	4W	34,560
AA7MU	FB	UT/WY	52	31	4W	32,240
AE4GX (*)	FB	GA/SC/NC	21	24	5W	30,240
WE6W	H	-	91	33	5W	30,030
KN1H	FB	NH/VT	32	23	900mW	29,440
N2TO	F	-	38	28	5W	28,112
N4KN	F	-	48	29	4W	27,840

AB5UA	F	-	43	23	5W	24,840
VE3ELA	F	-	41	29	3W	23,780
KI6DS	F	NM/TX/XE	29	12	5W	20,880
WA6FUH	F	-	30	23	5W	20,240
N0IBT	F	-	32	29	4W	18,560
C04BM	H	-	68	27	5W	18,360
W0RSP	H	-	33	26	950mW	17,160
N7GS	FB	MT/WY	28	15	1.5W	16,800
AB7TT/f1u	H	-	56	27	5W	15,120
WA8RXI	H	-	78	36	4W	14,040
AE6TT (*)	F	-	50	14	5W	14,000
WD7Y	H	-	72	19	5W	13,680
KS4V	F	-	40	16	2W	12,800
K4KJP	H	-	44	28	2W	12,320
NR3E	H	-	36	25	5W	9,000
N9UKX	H	-	37	23	5W	8,510
K0SU	F	-	22	20	5W	8,400
W8TM	H	-	39	21	4W	8,190
WA9WAC (*)	F	-	40	9	1W	7,200
W8TIM	H	-	34	16	2.5W	5,440
WA9PWP	M/H	-	32	17	5W	5,440
K2HPV	F	-	18	13	2W	4,680
W6ZH	H	-	23	20	5W	4,600
KD6JUI	F	-	18	12	5W	4,320
VE5RC	H	-	23	18	5W	4,140
N0QT	F	-	20	9	5W	3,600
AH7R	F	-	16	11	5W	3,520
KE6QMX	F	-	22	8	5W	3,520
WA8GHZ/5	M/H	-	18	12	5W	2,880
KC8JIE	H	-	18	14	5W	2,570
KB2VTN	FB	NY/NJ	14	11	5W	2,340
KU7Y	H	-	20	10	200mW	2,000
AB0AE	H	-	16	12	5W	1,920
KQ0I	H	-	14	13	5W	1,820
KK7HV	F	-	11	6	5W	1,320
N4UY	F	-	7	8	2W	1,120
W8LN	FB	AL/TN	5	5	5W	1,000
WA10FT	H	-	13	12	5W	780
KB0VCC	F	-	6	5	5W	600
K2UD	H	-	6	5	2W	300

N7DW	F	-	3	3	5W	180
WD8MNV/6	H	-	3	2	5W	60
K8NI/flu	H	-	3	3	4W	45
K3TKS	H	-	2	2	5W	40
AF9J	H	-	3	2	4W	30

----- END QRPTTF '98 RESULTS (PRELIMINARY) -----

Date: Fri, 21 Aug 1998 22:52:30 -0700
From: W7LS <w7ls@blarg.net>
To: chas@digizen.net
Cc: qrp-l@Lehigh.EDU
Subject: [18113] Re: [CW] 80 meter CW wasteland
Message-ID: <35DE5C9E.DF8@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey, that's my band of choice! I usually do my ragchewing around 3710 or a little lower. It is wonderful for statewide propagation, with no skip holes during the day, and not much of one at night. What with all the talk of disaster communications and all, I maintain that 80 and 75 are virtually the only bands we have for reliable statewide communications. Sure, 2m FM is ideal for short, short tactical comms, but if the repeaters go down, simplex leaves a lot to be desired. The ranges from a few miles to a hundred miles, in the absence of repeaters, leaves only 75 and 80 meters, for the most part. 40 skips over everyone you want to talk to. Any band above 40 is hopeless for getting ahold of someone in the next city. Say you have a quake in Seattle and you need to contact Olympia, 60 miles to the south. That's where the state emergency management is located. Too far for the HT without a repeater. Iffy with a 2m mobile. No problem on 75. It may be fun to talk to the other coast, but in terms of getting emergency traffic through to an agency that is local enough to be of use to you, we're back to the old standby, 75 meters (80 for cw).

Whoops! Didn't mean to go on and on. Comments?

73 de Jim, W7LS

Charles Kadesch wrote:

>

> Yes, it is lonesome at times, but you can often stir up a QSO with a
> slow CQ in the old Novice area just above 3.7 MHz. It's fun when you
> get a response and I think it often helps someone along with their
> code speed. With cooler fall weather coming, the QRN on 80 will be
> going down and activity will pick up.
> -72 de Chas W3KC-

Date: Sat, 22 Aug 1998 09:42:48 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-l@Lehigh.EDU
Cc: gqrp-l@blacksheep.org
Subject: [18114] QRP DX on 18Mhz
Message-ID: <3.0.32.19980822094209.006a7c78@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Gang,

get up early or stay up late and check out 18Mhz !!! The band is in a great
shape. Half an hour ago (0705UTC) I worked KL7J !!! Sorry for the BW
folk s, I just couldn't keep this to myself.....(dancing a jig :-)

72 de Thomas, DL40BN, G-QRP #5672, AK-QRP #413, QRP-L #1621

Date: Sat, 22 Aug 1998 00:05:26 -0700
From: "Barry L. Geipel" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18115] Re: [CW] 80 meter CW wasteland
Message-ID: <00dd01bdcd9c\$f089d900\$4434d4cc@bgeipel.pom.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I spent some time on 80 this evening. I heard two stations
on 3.725. I called CQ on 3.710 for about 1/2 hour with no
takers. This was my first serious attempt at 80m as I just
got my dipole up yesterday.

I will try it again tomorrow night around 0600 UTC.

73 DE KF6RDI
Barry

-----Original Message-----

From: Charles Kadesch <chas@digizen.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, August 21, 1998 9:30 PM
Subject: Re: [CW] 80 meter CW wasteland

>Yes, it is lonesome at times, but you can often stir up a QSO with a
>slow CQ in the old Novice area just above 3.7 MHz. It's fun when you
>get a response and I think it often helps someone along with their
>code speed. With cooler fall weather coming, the QRN on 80 will be
>going down and activity will pick up.

>-72 de Chas W3KC-

>

>

>

Date: Sat, 22 Aug 1998 01:38:41 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-1@Lehigh.EDU
Subject: [18116] Semi-new Antenna
Message-ID: <Pine.LNX.3.96.980822012623.20069B-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I decided to take the plunge and to rig up the 160-in-one kit again. This time, however, it is with one of my 32.5' lengths of wire, and the 365pF variable capacitor. I wired the two ends of the wire to the two variable capacitor (365pF) leads, thus forming a tuned circuit. The length of wire makes the "larger" loop, and is arranged rectangularly in my room.

Then, I took two alligator clips and attached them to the coax leading to the radio. The clips are shorted at the other end, so as to make a complete, but smaller, loop. The clips are the Radio Shack variety.

I then placed the small loop next to the much larger loop. Nothing. So I start tuning the variable capacitor. All I can say is -- simply amazing. RF never ceases to amaze me.

The reception from this mini-small loop is *FAR* better than the dipole I set up previously. I still haven't been able to contact anyone yet -- it seems like 40m is just plain dead (it's 1:57AM here in California, USA). However, at just under 1W, I doubt I'll be able to land any contacts for quite some time.

The only thing I can ask is for people to keep an ear out for me. Tomorrow, I'll be calibrating the dial (I hope -- depends if my friend's receiver radio covers shortwave). My CW is very, very slow, just to let y'all know. If it sounds like it's more than 5wpm, odds are quite likely it's not me.

I typically call 3 to 5 CQs, followed by 3 callsigns. For example, "CQ CQ CQ CQ CQ DE KC5TJA KC5TJA KC5TJA". Just so you can ID me a little easier. :-)

```
=====
      KC5TJA/6      |                               -| TEAM DOLPHIN |-
          DM13      |                               Samuel A. Falvo II
      QRP-L #1447   |                               http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sat, 22 Aug 1998 12:21:58 GMT
From: nhoop@centuryinter.net (N H)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18117] Re: Power
Message-ID: <35e2b73a.3034200@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Inquiring minds would like to know. Please respond to
>Mercxx@aol.com..

RIGHT, me too. Though I'm more interested in a rechargeable source for home use.

72 Nat KM5QU
Oxford AR

Date: Sat, 22 Aug 1998 08:58:25 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: tjarey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18118] Re: Neat discovery
Message-ID: <7CeK2CAhon31Ewjh@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <35DE4159.734D4D57@home.com>, "T.J. \"SKIP\" Arey N2EI"
<tjarey@home.com> writes

>I've been looking for something for setting up coils that need
>stabilization such as in VFO circuits.
>

>While I was working on my Ten-Tec 1330 kit, my eyes just happened upon a
>tube of "SHOE GOO" sitting on a nearby workbench. This is the stuff that
>you use to repair the bottoms of sneakers. It is available wherever shoe
>goods are sold. I found it more forgiving during set up than candle wax
>or hot glue. It remains a bit pliant for a few minutes so you can make
>last minute adjustments. When it sets the coil turns stay put and the
>core itself is essentially shock mounted in a semi-hard rubber.

I've got an old PYE mobile radio that uses something like this (probably
silicone sealant) to lock the trimmers.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Sat, 22 Aug 1998 09:47:05 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: marion@montana.com
Cc: QRP-L@Lehigh.EDU
Subject: [18119] Re: [CW] 80 meter cw wasteland.....
Message-ID: <2.2.16.19980822093817.2e0f63cc@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

80 cw a wasteland? Not here in Maryland. I'll admit it's not the band I
remember from the late 50s and early 60s, but after about 9 pm it's a fun
place to be. I live near Washington, DC, and am able to work into Western
Europe pretty easily using 5 watts and a 125 foot long wire.

During Sweepstakes last year I worked every California section on 80 cw running 5 watts. In last year's ARRL DX Test I worked 19 countries running 5 watts, mostly Europe and the Caribbean. I expect to do as well this year in both contests.

You've got to listen, a lot. DX is not always there and, it's sad but true, if you don't have an Extra Class license all you're gonna do is listen to them. But, I find a nice selection of stations between 3500 and 3600, and above that when the nets have gone to sleep. Keep in mind this is a night time band. It gets pretty lonely at other times.

73

Date: Sat, 22 Aug 1998 10:03:45 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18120] 20M GARBAGE (NON-QRP)
Message-ID: <8c597420.35decfc2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Folks, I have heard now for several months what amounts to nothing more than a group of fellas on 20M around 14.300 slinging racist remarks back and forth and seem to go on for an hour at a time. I am sure I am not the first to pick up on this and am curious why the FCC allows this misuse of the bands to continue. Has anyone else heard this garbage? They are on this morning if you get a chance to tune in (1400utc)
Alan KB7MBI

Date: Sat, 22 Aug 1998 10:40:19 -0400
From: "J. Duffy Beischel" <jduffy1@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [18121] Re: S&S "M1" marches on(& others)
Message-ID: <35DED852.750B1D4B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I too sent a note to S&S asking about the availability of the M1. Their Web page says expected availability is mid-August. They told me in a reply it is now October, and this note says around the end of the year.

SGC can't deliver their 2020 in any quantity. They claim you can get one in about 90 days but I've talked with every SGC dealer I could find and they say they get around two or three units a month with waiting list that still go back to February! I don't know how they can make any money this way.

Patcomm said their new unit would be out this summer and still no word.

I wish equipment vendors would not make promisses they can't keep. In my business, if you make a commitment, you'd better deliver. I would like to spend my money with American based and owned businesses. But be upfront with us. Don't tell us unrealistic dates. Don't promote products you can't deliver (SGC!).

Just venting some real frustration.

Regards,

Duffy - WB8NUT

>
>
> I was talking with Dick Szakonyi at S&S Engineering the
> other day regarding progress on the M1 design.
> Dick is a very busy fellow these days. He's got a lab full
> of projects, including an exotic receiver design for the US
> military that tunes up to 4GHz! (That's his day job.)
>
> He's working on the M1 every spare moment that he has. In
> fact, he's been doing some on-the-air testing on 20 and 40
> Meters! He reports that it's coming along nicely... but,
> progress is challenging with his work-load.
>
> He hopes to achieve a shipping date of "before the end of
> the year" and he'd like to make it out to Pacificon '98
> but, everything is at the mercy of his complex work
> schedule, etc.
>
> The last thing he told me was, "I've got to get this M1
> finished! I want one for myself!"
>
> With a name like "M1" -- designed by a military receiver
> guru -- do you suppose this thing will have a bullet-proof
> front end? Good chance of that, I'll bet ;)

Date: Sat, 22 Aug 1998 11:12:03 EDT
From: kq0i@juno.com (Mark R Milburn)
To: qrp-1@Lehigh.EDU
Subject: [18122] make cords
Message-ID: <19980822.151041.7335.0.KQ0I@juno.com>

Finally wore out the coil mike cord on my microphone....got old, cracked and broke the little wires.

I would like to replace it with a non-coiled connected cord. Any good ideas of where I might get these?.....no radio stores close.

72/73 Mark KQ0I
Des Moines, Iowa

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 21 Aug 1998 22:18:23 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-1@Lehigh.EDU
Cc: osier@northnet.org
Subject: [18123] PROPAGATION..... INFO ON
Message-ID: <35DE549F.29A@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang!!!

Im looking for more information on propagation and what books those of you might recommend.....saw a show last nite on "Sun Storms" ...think it was the Discovery channel ...very good production!!!Hope its on again so i can tape it!!!!...but i could use a list of books that those of you found good Lots more to it then bouncing

radio waves!!!!!!.....

73/72s and mni tnx!!!
George Osier N2JNZ

Date: Sat, 22 Aug 1998 11:21:07 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: johns516@maroon.tc.umn.edu
Subject: [18124] re: VFO with AD9850
Message-ID: <DC98876F9BBBD111A5F900A02461FF13011D0D9A@exchange1nj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain

I've now caught up on the qrp-l digest issues after the last week+
of travel ... in answer to someone asking for a source of the
AD9850 DDS chips, I found them for \$21.95 ea (plus \$7 shipping) at:

FAI Electronics
41 East Main St
Bolton, MA 01740
(800) 707-6040

The guys there were most helpful and friendly. I bought a bunch for an
NJ-QRP club kitting project coming along soon. Should be fun.
More later.

72,
--George Heron, N2APB
g.heron@dialogic.com in Sparta, NJ
<http://www.njqrp.org>

Date: Sat, 22 Aug 1998 11:21:24 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: QRP-L <qrp-l@Lehigh.EDU>, njqrp@njqrp.org
Cc: "Heron, George" <G.Heron@dialogic.com>
Subject: [18125] Kit Builders Anonymous
Message-ID: <DC98876F9BBBD111A5F900A02461FF13011D0D9E@exchange1nj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain

Several weeks back I asked if anyone was interested in helping others to construct their QRP kits ... for free, for a fee, for postage, for trade, for whatever. This would be for guys who couldn't build their own kits because of handicap impairments, fear of their own construction abilities, no time, or anything in between.

Well, about 15 hams graciously replied and I've forwarded their contact information to the 3-or-so individuals who asked me for some help. In this way, the guys who need the help can arrange their deal with the specific builder who best meets their financial/time needs.

At the request of a number of these volunteer builders, I'm keeping their names private and have communicated individually with each about the deal here. Additionally though, I've created a page on the NJ-QRP website (<http://www.njqrp.org>) advertising this "Kit Building" service (with similar anonymity of the builders) so others wishing to have a kit built

this way may contact me. In a similar manner I'll be forwarding the builders' contact information to those requesting some help.

I hope this effort provides a useful service to hams amongst us (and QRPers-to-be) ... please contact me directly if you'd like to be added to the list or if you want to take advantage of this service.

72,

--George Heron, N2APB
g.heron@dialogic.com in Sparta, NJ
<http://www.njqrp.org> <-- Home of the NJ-QRP Club

Date: Sat, 22 Aug 1998 10:42:28 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [18126] Roy Gregson & the QRP community
Message-ID: <3.0.5.32.19980822104228.007a1c80@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As I sat last night thinking of the passing of Roy W6EMT, it occurred to me just how unique the QRP community is in this day and age. While I'm sure Roy had innumerable "face-to-face" friends, the vast majority of his

business & hobby friends today knew him only via the telephone, letter and email. This was my case, as he helped me get my NW30 - my first kit rig, first QRP rig, and first rig AT ALL in over 10 years - up & running. From then on, whenever anyone asked of quality mono-band rigs, I tried to fire off a response praising Roy's rigs & service.

With Roy going on to the ultimate DXpedition, it occurred to me how closely tied the buyers/users are to the designers/sellers of today's crop of QRP rigs. Few other lines of business, doing international sales, allow such a close interaction & feedback with the designer & end-user. While Heathkit is generally admired for their kits of yesteryear, how many folks actually knew someone at Heathkit to ask a question of? Or even knew someone who knew someone? I believe this is what is helping to make QRP the hottest thing in ham radio today - even with the "impersonal" internet rampant, the "keyboard-to-keyboard" contacts are making it stronger at the same time.

Many may say the heyday of hamradio was 40 years ago, but I think the heyday of QRP is today, and I'm glad to be in it. It's men like Roy Gregson that have helped make it so.

73,

Mike
KM5PE
Canyon TX

Date: Sat, 22 Aug 1998 11:50:51 EDT
From: K2UD@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18127] More VFO Stability
Message-ID: <2f59e20.35dee8dc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

For quite some time I have "potted" VFO toroids with 5 minute epoxy. First I would adjust the bare winding until I got the frequency coverage I wanted, then applies the epoxy with a cut-off Q-tip. Smear it all around the circumference, both sides, and the inside until the entire toroid is covered.

Takes more than 5 minutes to fully set. I hold mine by the leads with a pair of hemostats until it is ready to touch (usually an hour or two). If soldering to the PCB doesn't hold it firmly in place, I will use rubber cement to hold it to the PCB. It can be CAREFULLY lifted later for any changes.

Another way of securing it is to use phenolic discs on top (flat mounting) and small hardware through the disc and toroid to the PCB. Even metal hardware does not seem to change the value.

I do this with all toroids I wind, it does a wonderful job holding windings in place and provides isolation from external influences (temperature especially). One day I experimented and did NOT cover a VFO toroid. Its stability curve looked like a ski slope!

Another gem of wisdom worthy of your consideration. It works for me!

72 all,

Howard Kraus, K2UD

Date: Sat, 22 Aug 1998 09:52:48 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: osier@northnet.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18128] Re: PROPAGATION..... INFO ON
Message-ID: <35DEE950.5884FF14@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George, I saw the program as well and totally agree that it was outstanding. (Too bad SOHO is not functioning up to its potential, however the recent reports here sound encouraging.)

The book I would strongly commend to you is published by CQ Communications and is entitled "The New Shortwave Propagation Handbook" published in 1995. The authors are George Jacobs, Theodore J. Cohen and Robert B. Rose. The ISBN is 0-943016-11-8 and the Library of Congress Card Number is 95-68269.

Cheers de Karl, VE6KBS, CALGARY, AB

Date: Sat, 22 Aug 1998 10:24:05
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [18129] Re: We're too smart for 80M CW

Message-ID: <3.0.3.16.19980822102405.22bf4c36@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The problem with 80 is a decent antenna is just too big! While most everyone can fit a 40 dipole one way or another in thier available space, 80 is often out of the question.

But even so, we occasonally listen to 80 and don't hear much on CW and quite a few crazies trading insults on 75, so we loose what ever incentive we might have to try and figure out some way of getting on 80. Then since we don't bother to get on 80, no one else hears activity, so they don't try... classic vicious circle....

72.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sat, 22 Aug 1998 16:00:37 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: chas@digizen.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18130] Re: [CW] 80 meter CW wasteland
Message-ID: <35DEDD15.2F73B887@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Charles Kadesch wrote:

> slow CQ in the old Novice area just above 3.7 MHz.

Just remember that the portion 3.72 to 3.75 is used for SSB nets out side of the USA.

73 es have fun.

Peter
VE6YC D021WC

Date: Sat, 22 Aug 1998 11:30:21 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18131] Re: Infrared Key
Message-ID: <35DEF21D.B5AF8FB5@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

LB Sebik published his IR keyer in an early 90's QST. Sorry I don't remember the reference. It looked good, but so does most if not all of what LB does! ;^)

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting! 33.2 N 96.6 W EM13RE
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

Date: Sat, 22 Aug 1998 12:41:17 EDT
From: chrisfresh@juno.com
To: qrp-l@Lehigh.EDU
Subject: [18132] re: the BUBBA
Message-ID: <19980822.164220.5295.0.chrisfresh@juno.com>

Guys:

having Juno trouble--can't find Bubba info--could somebody please re-post?? Gotta rebuild calendar.

tnx in adv.
72

chris freshwater KB9LCK

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 22 Aug 1998 10:43:18 -0600

From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [18133] mv2203?
Message-ID: <000301bdcdeb\$f8802c00\$17ac85ce@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I just ran across a couple mv2203's in my junk box. Don't know where they came from but I know I've had them for years (long before I became a ham). They sure look like varactor diodes to me. Can anyone point me to a datasheet for these (I checked Motorola's site but found nothing on them)? I'd like to know if they're useful for oscillator experiments.

72 de Dave AB0GO

Date: Sat, 22 Aug 1998 12:45:39 EDT
From: kh6b@juno.com (Dean W Manley)
To: qrp-1@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [18134] HI QSO Party and NQ6RP
Message-ID: <19980822.064749.5327.0.kh6b@juno.com>

Hello all,

Re HI QSO Party, per WorldRadio, August 1998:

1600z 29 Aug. to 2200z 30 Aug.
160-microwaves, CW and SSB,
For stations outside HI, work the 5 counties:
Kauai, Oahu, Maui, Kalawao, Hawaii.
(Hint, NQ6RP on QRP will be operating from Hawaii County)
Exchange: RST QTH
There's about 10 entry catagories.
Please see full details in August 1998 issue of
WorldRadio or CQ Magazine.

FYI
Aloha, Dean KH6B

Date: Sat, 22 Aug 1998 10:05:47 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [18135] Re: 20M GARBAGE (NON-QRP)
Message-ID: <3.0.1.32.19980822100547.006a0520@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:03 AM 8/22/98 EDT, you wrote:

<snip>

I am sure I am not the first to pick
>up on this and am curious why the FCC allows this misuse of the bands to
>continue.

<snip>

>Alan KB7MBI

As a former broadcaster (programming and/or engineering for 31 years...6/67
to 7/98), I can tell you that the FCC doesn't have the capability of
effectively insuring operation of TV and radio stations within the law.
They *certainly* don't have the means (and possibly lack the incentive) to
police the Amateur Radio frequencies.

I'd surely like to find some *legal* means of dealing with individuals of
this sort!

Jack, W7PW

"You're an interesting species...capable of such beautiful dreams, and such
horrible nightmares."

from the movie "Contact"
(based on the book by Carl Sagan)

Date: Sat, 22 Aug 1998 11:05:54 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18136] QRP + DEAF AND DUMB
Message-ID: <35DEFA72.DCAEAFDB@agt.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My original Index Labs QRP + S/N 899 goes deaf and dumb from time to time. I thought I had the problem fixed by positioning the pcbs so the second from the top was pushed as far towards the rear as possible, but it is now clear that "solution" is not the total fix.

The problem occurs when I turn the radio on and it has no receive capability. Additionally, it has very low output power. Sometimes the problem goes away if I leave the rig on for a number of minutes, sometimes the problem goes away if it is turned off overnight, but often these "solutions" don't work. Turning the rig on and off repeatedly does not seem to fix the problem, nor does pulling the lithium battery and resetting the rig.

I don't think this is a heat problem as it occurs on start up when cold.

The rig is in mint condition and is unmodified except for an out of band EPROM.

Any suggestions would be MOST APPRECIATED.

Cheers de KARL, VE6KBS, CALGARY, AB

Date: Sat, 22 Aug 1998 10:13:02 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [18137] NA Sprint/QRP Teams Forming
Message-ID: <Pine.SOL.3.96.980822100026.11526G-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

It's that time of the year again. For those of us who played in the NA Sprint using QRP the last time, we had a ball.

There should be even more QRP stations this time. So lets get even more teams formed.

Full info can be found in the NCJ or on the NCJ web

site:

<http://www.waterw.com/~ncj/>

The date is 6 Sept 98. It's only 4 hours so it's not a major impact on your weekend!

George Fremin III, K5TR is putting the teams together so please send him a e-mail and let him know that you will come play with us! His e-mail is:

geoiiii@kkn.Net

or:

k5tr@arrl.org

There were a lot of people that were surprized at some of the good scores turned in by QRPers last time. Lets really "Wow" em this time.

Even Danny of "Life's too shore for QRP" fame will be running QRP this time!!

Let me know if you can make it,

Thanks for the BW,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 22 Aug 1998 13:17:40 EDT
From: wa8rxi@juno.com (Rick Arzadon)
To: w5yr@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [18138] Re: Infrared Key
Message-ID: <19980822.171819.4775.2.WA8RXI@juno.com>

I found it! I found it!
It's in the July 1993 issue Page 36.

Thanks George

72, Rick Arzadon - WA8RXI Taylor, MI.

=====

On Sat, 22 Aug 1998 11:30:21 -0500 "George T. Baker" <w5yr@swbell.net> writes:

>LB Sebik published his IR keyer in an early 90's QST. Sorry I don't
>remember the reference. It looked good, but so does most if not all of
>what LB does! ;^)

>

>72/73, George didit dit

>Amateur Radio W5YR, 52 years and counting! 33.2 N 96.6 W EM13RE

>QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496

>AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 22 Aug 1998 14:02:07 -0400

From: "dave r" <elim@ime.net>

To: <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [18139] Re: [CW] 80 meter cw wasteland.....

Message-ID: <007d01bdcdf6\$faf12b00\$2bc65ad1@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: marion@montana.com <marion@montana.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Friday, August 21, 1998 10:01 PM

Subject: Re: [CW] 80 meter cw wasteland.....

>At 08:04 PM 8/21/98 -0300, you wrote:

>>

>>I qsx a lot on 80 meters in the early evening (prime time) ...shortly

>>after the supper hour, when all the

>>

>>ssb net addicts are on.....

>>

>>Tonight I called CQ about 6 sets..... no reply.....in fact i do this
>>during the local busy time every evening..
>>
>>It would be very rare to get a reply, in fact almost
>>never.....Sometimes I program my rig to call CQ and
>>
>>have let it run for abt 15 mins es no takers.....
>>
>>This evening between 2245 gmt to 2300 gmt I tuned many times the entire
>>spectrum of 3.5 to 3.7 mhz..
>>
>>Deathly silence , this at a time when propagation is in to N.E. states,
>>Maine, Mass, Conn. Quebec etc....
>>
>>No CW, I would like a few others to try the same for a few evenings, up
>>this way it would appear
>>
>>that except for the local cw NET at 2300 gmt, its QRT for all local
>>CW.....
>>
>>No wonder others want the spectrum its not used.....
>>
>>Sad situation indeed.....
>>
>>VE1DS 73s cu1 AR VA....
>>
>
> I have recently put up a 80mtr vertical to get on that cw band.
>So far three nights with no contacts, or anyone heard. Am I on at the wrong
>time?(8 to 12, MDT) Early this morning I scanned the band quickly, nothing
>heard. :(Roy AB7CE
>
>
sorry you guys are not hearing anything on 80m.. It's one of my favorite
bands.. Have worked much dx and lots of just pleasant Qso on the band..
Don't know why your not hearing signals cause here in the N.E. I hear
activity almost every night i'm able to listen of course the summer months
aren't the best for 80 .. winter is better , in the winter from about 4pm to
mid night you can work Europe most any night from here..
keep trying don't give up.. it really is a great band when open.. 73
DAVE KC1DI

Date: Sat, 22 Aug 1998 13:11:46 -0500

From: John Sullllivan <kg0mz@southwind.net>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18140] Re: QRPTTF '98 Results - No, REALLY!
Message-ID: <35DF09E2.A4BBE699@southwind.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> NOTES: A (*) by the callsign means multi-op.

> KG0MZ FB KS/MO 44 31 5W 54,560

Uh, this line should have a (*). This was a team effort by a couple of old guys...W0FNQ and KG0MZ. Also Matt, 1-2-B.

Date: Sat, 22 Aug 1998 15:17:34 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [18141] Re: 20m Garbage
Message-ID: <18048@w4bkx.ampr.org>

I read with pleasure, the "Happenings" column on page 57 Sept QST.
" FCC UPHOLDS INITIAL DECISION TO DENY KV4FZ RENEWAL "
I have had 99.99% good experiences on 20m (lower in the band).
Many fine individuals and friendships cultivated. I stay away
from the "garbage" identified by Alan KB7MBI.
That's what the big knob is for. Too bad that Herb Schoenbohm
helped to create the mess on 14300+/- and that it continues in
his absence but I refuse to even listen to that crap.

See-ya down the band. (165-188-208 240 etc. or wherever the rare
DX IS! also 060, 040, and lower.)

OBQRP= My S-meter calibration is S-9 with 50uV signal on 14.100MHz.
applied at the antenna terminal. Is that a standard? or just
a somewhat arbitrary setting (for Ten-Tec Triton Model 540)?
After alignment and S-meter calibration, it seems a bit stingy
on strong signals - takes a really good signal to push it to
the upper reaches of the meter.

de Scott / W4PJ Ft. Lauderdale, FL <EL96vd> #1585 (Pres. SFDXA)

Date: Sat, 22 Aug 1998 14:22:08 -0700
From: Charles Kadesch <chas@digizen.net>
To: qrp-1@Lehigh.EDU
Subject: [18142] Re: We're too smart for 80M CW
Message-ID: <35DF3680.E4A@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> The problem with 80 is a decent antenna is just too big! ...

Granted, a full size 80 meter antenna is optimum and desirable but living in suburbia often necessitates some compromises. My 80 meter antenna is 88 ft long (#12 wire) and center fed with 450 ohm line thru a homebrew link coupled tuner. As long as you keep antenna, feedline and tuner losses low- you can do OK since most of the radiating is done at the center of the antenna. I have even used a half size (51 ft) G5RV (omitting the coax) on 80m with decent results. The older ARRL Antenna Books (eighth ed. for example) include a good discussion of shorter than half wave antennas and their efficiency. If you have room for a half wave 40m antenna you can still get on 80m and have fun - as long as you are careful to construct a good low loss antenna system and use an efficient antenna tuner.
-72 de Chas W3KC-

Date: Sat, 22 Aug 1998 16:29:29 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: NJQRP Club <njqrp@njqrp.org>
Subject: [18143] Looking forward to October
Message-ID: <35DF2A29.D73B32B9@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just checked with my bank and found out my NorCal-20 check was cashed. Thanks once again to the project team for pulling this whole deal together. Guess I need to start shopping for a ten-turn pot.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRP-ARCI #8634 NJ-QRP #155 G-QRP #10055
NORCAL ZOMBIE # 122 ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S
KITS IN PROGRESS - Ten-Tec 1330

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 22 Aug 1998 16:56:31 -0400
From: mike czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [18144] Ferrites not painted?
Message-ID: <35DF307F.42F5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Recently, C02KK said:

...Ferrite toroid cores seem to be NEVER PAINTED by any manufacturer... it would be interesting to learn why... maybe the surface is too polished and the paint does not get fixed to it ???...

Interesting. Not sure who or how many told him that, but it most certainly conflicts with the information I've seen in catalogs from a variety of ferrite makers :-). Maybe not painted, but at least they ARE available coated with something. Manufacturers sometimes have standard products with standard colors, different for various materials, sometimes just two or three colors that get put on all products, and often state that on request they'll put ANY color on anything that you want.

Yes, ferrites are very often not painted or coated, but that's not always the case. It's very dangerous to assume that if you see a core with paint or a coating that it's a powdered iron. Yes, the powdered

iron core from Amidon that is painted white is probably the best one for VFOs, having a very low temperature coefficient, but if you get a white core made by someone else it could be anything, including a ferrite, and even then it could have any permeability. The color on a toroid is meaningless unless you know exactly where it came from and who made it. And there's usually no way to tell by looking at a toroid where it came from, although the powdered irons that come from Amidon, Bytemark, Micrometals usually have a certain look to them that the trained eye can recognize. I won't go out on a limb and say that no one else has the same look, though :-)

And even knowing who made a toroid is no help if it comes from someone who'll put any color on anything they make :-) The best bet is to stick with known, trusted sources of powdered iron toroids like Amidon, Bytemark, Palomar, Micrometals.

I have an article on the subject in the qrp-1 area at lehigh.edu. It's under the "articles" subdirectory of the qrp-1 area, with the file name trdcolor.mcq.z. It originally appeared in my Idea Exchange column in the QRP Quarterly several years ago and goes into a bit of detail. (It later appeared in Technical Correspondence in QST in a vastly shorter version.)

(The .z at the end indicates that it's stored in compressed form. Download it with the .z on it and you'll get the compressed version and have to decompress it on your computer. Download without the .z and it will decompress it and send you plain text. If using a web browser, don't go directly to the "articles" subdirectory. Instead, go further down the list to index.html, click on that, and pick "articles" from the list that produces. This way, you don't have to worry about the .z extension.)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Sat, 22 Aug 1998 14:56:54 -0600
From: jaywa5whn@juno.com
To: qrp-1@Lehigh.EDU
Subject: [18145] Bubba/FYB0/W6EMT/etc.
Message-ID: <19980822.145654.4902.0.jaywa5whn@juno.com>

I am also in a sad mood, after hearing about W6EMT. I will use the NW20, for next week's Bubba event. What better way to honor Roy, than by getting on the air.

So, to cheer myself up, I had decided to see what was happening on 20

meters SSB. A small number of Light House SESs are on. I had tuned into VE3JCH Larry {22 August @ 1913 UTC}, down at the low end {14.17 MHz} calling CQ. With the WM-20 {NN1G design}, I had called Larry once. He said that I was 5/4 in Pembroke, Ontario. His Dad {Ernest} was listening in the shack. When I had told them that I was only running no more than 8 watts PEP, they were surprised. Larry said you are one of those QRP Hams who probably enjoys hiking/camping too. Gee, are we that obvious? ;) He was asking questions about how heavy the backpack was with all the radio gear inside. He was running 500 watts into a beam. A most enjoyable QSO. I had told him about all of the field qrp contests. He promised that he would participate in next weeks Bubba event. Larry said that it would be fun to attach a GPS receiver to a HF qrp xcvr, so people can plot where you are {HF APRS} out in the wilderness. {This has been done through the satellites, remote already} Then the topic had shifted to bears, pumas & other wildlife, and their avoidance, in the forest. That had cheered me up.

I was thinking about next years FYBO. With the next generation accelerometers out {2D on a surface mount from Analog Devices & other vendors}, I was thinking about a circuit, that based on the accelerometers actually residing in a glove. In other words, you glue the accelerometers to the glove, and with some analog circuits for filtering & bounce clean up, you have a set of virtual paddles in a glove. The solid state accelerometers would detect the motion of your hand. Either place the detection circuit, with the accelerometers in the palm of the hand or the back of the web part of the hand, between the thumb & forefinger. Anyone else have any better suggestions?

72...Jay, WA5WHN DM65qd Albuquerque, NM USA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 22 Aug 1998 16:57:14 -0400

From: Ed Tanton <n4xy@att.net>
To: jduffy1@ix.netcom.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18146] XCVR mfgrs and production delays
Message-ID: <3.0.5.32.19980822165714.00bbceb0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Duffy et al... as mentioned back during the infamous "'2020 WAIT of 1998", in mfgrs' defense: projects this complicated are not that easily gauged as to delivery dates.

To start with, you must come up with a working design. OK. Suppose you have that down, guessed well, and ordered MOST of the right parts ahead of time... and you're now getting the replies to the promises made by the various distributors... all it takes is one part-delay. ONE out of hundreds-or a thousand or two, whatever.

Next you're assembling the unit, and learn that something isn't kosher in the front end... or the thing has a small chirp... whatever. More time, to find the cure(s). All the parts are in, most of the serious problems solved, now you have to build 'em. No sweat, right? Wrong. What if one of your components is delivered out of spec? Can't happen? B___ S___! An aerospace company I once prototyped for had some left-over JAN-TXV 2N2222As in the stock room. They could not be used elsewhere-lotta rules in the MIL/JAN-TXV world-and JAN TXV parts have enough of a documented history that they can tell you the humidity on the day they mixed the paint for the lettering on the device ("2N2222A JANTXV" etc.)

When the 2N2222A performed a bit too vigorously (as if its gain was a bit high) in the intended prototype circuit, I figured something was flaky about the circuit, and went and got another. When it did the same thing, I first checked the beta on the 3rd, and it was 3 times the max end of specified gain for a 2N2222A. Gain is supposedly a part of those extremely detailed MIL JAN-TXV specs. If it can happen to a part like that, it can happen to any part-batch.

The point is, it takes time to figure out things like that, and trace them back to their source(s). Then there is the production yield. I suspect THAT is SGCs current delivery problem... although it could just as easily be that the large-contract buyers are getting theirs first-and who could blame SGC for that? They are, after all, a business.

I always marvelled at my managers' ability to pull a delivery date out of a hat (it seemed to me-actually I saw one of them using an engineering math textbook that actually had various actions delineated as to approximate time, and finally understood that it wasn't out of a hat at all.) But those dates are subject to lots and lots of things you cannot always control. You

N4S0@juno.com
Mobile, AL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 22 Aug 1998 17:32:21 EDT
From: borealis@juno.com (Philip G. Collier)
To: qrp-1@Lehigh.EDU
Subject: [18148] Re: 20m Garbage
Message-ID: <19980822.173230.6854.0.borealis@juno.com>

Hello, Scott;

>I stay away from the "garbage" identified by Alan KB7MBI.
>That's what the big knob is for. Too bad that Herb Schoenbohm
>helped to create the mess on 14300+/- and that it continues in
>his absence but I refuse to even listen to that crap.

Yes, whatwith all of the cursing and jamming up there, it is certainly
no place to operate QRP. It's been a mess since about 1981, though,
when the Maritime Mobile and Intercontinental nets had their turf battles
with K4MME and W1GM. Ever since then 14.313 to 14.316 has been pretty
liddy.

Actually, with the help of modern filters, good antennas, and superior
operating practice, the badlands can be harnessed...

regards,
Phil Collier
KG2DH

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 22 Aug 1998 17:50:54 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18149] GARBAGE LID (TNX)
Message-ID: <63cbd38c.35df3d40@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Thanks for the feedback. I guess I still live in a world where mon, apple pie, and chevies still exist. I was a bit shocked and I guess even more so to find out that it has gone on for years. But good advice: THATS WHAT THE BIG NOB IS FOR.

I am just thankful I fell into a great bunch of folks here in the QRP world and have some real positive role models...NUFF SAID... Alan KB7MBI

Date: Sat, 22 Aug 1998 15:18:49 -0700 (PDT)
From: Mike Parkes <ab7ru@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [18150] Anyone built "Rainbow L/C" meter from 97 handbook?
Message-ID: <19980822221849.5890.rocketmail@send1c.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I wondered if anyone has tried building the circuit in the 97 arrl handbook which allows you to measure capacitance with a digital voltmeter? I built it and it seems to basically work, although the metered value changes slowly over time. Anyone have any experience with this circuit?
Thanks! -Mike AB7RU

==
Michael Parkes AB7RU

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 22 Aug 1998 17:16:32 -0500
From: heatherex@juno.com (Rex R Pickett)
To: aweiss@usd.edu
Cc: qrp-1@Lehigh.EDU
Subject: [18151] Re: Omaha Hamfest???
Message-ID: <19980822.172215.8958.0.heatherex@juno.com>

Ade, The AK-SAR-BEN ARC is holding it's annual flea market tomorrow, 23 Aug, setup 7am, table \$7 at door, open to public 8 am to noon at Millard Social Hall. Tak I-80 to exit 440 and then south 1/2 mile on Hwy 50. POC is Dave Kline WJ0Z at 402-592-4930

Tnx, Rex KA7NQK
On Thu, 20 Aug 1998 23:25:57 -0500 (CDT) aweiss@usd.edu (A. Weiss) writes:
>Does anyone know if a hamfest is occurring in Omaha
>this weekend (8/22 or 8/23)? If you do, I'd appreciate
>an e-mail with the details.
>
>Tnx, Ade W0RSP
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 22 Aug 1998 18:32:10 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [18152] Sun Storms on TLC
Message-ID: <19980822.222542.5015.3.n4so@juno.com>

Sun Storms and radio propagation
Ref. to The Learning Channel
"Sun Storms"
on next Sunday, August 23 12:00 pm central
1700z

My schedule lists no other repeats for this month.

So set your VCR machine for recording.

Ken
N4SO@juno.com
Mobile, AL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1191

